

VALVE SYSTEM FOR CANNULA ASSEMBLY

<p>[71] Applicant: UNITED STATES SURGICAL CORP</p> <p>[72] Inventors: SMITH ROBERT C; HINCHLIFFE PETER W J; CORREIA JAMES; NOHILLY ...</p> <p>[21] Application No.: JP1995202583A</p> <p>[22] Filed: 19950808</p> <p>[43] Published: 19960305</p> <p>[30] Priority: US US1994287395A 19940808 ...</p> <p>Go to Fulltext</p> <p>Get PDF</p>	<p>[No drawing]</p>
<p>[57] Abstract:</p> <p>PROBLEM TO BE SOLVED: To handle preferably a valve assembly even for a tool having a different diameter to be used together with a cannula assembly and a trocar assembly by including a slender seal member and a slender protective member.</p> <p>SOLUTION: A valve assembly 100 to be used together with a cannula, etc., includes an endcap 102, a stabilizing plate 104, a protective mount 106, a protective holder 108, a seal element 110 and a seal housing 112 and also has a seal element 110 for assisting the cannula mounting. The seal element 110 has an inner part of a crowned conical shape as well as a circumferential flange part 132 at a proximal end and a circumferential velour structure at a distal end. The protective mount 106 has multiple protective elements movably against a circular base part having a circumferential flange 144. Each of protecting elements 140 has a finger part and an outer flap part connected with a distal end of the finger part.</p> <p>COPYRIGHT: (C)1996,JPO&Japio</p> <p>[52] US Class:</p> <p>[51] Int'l Class: A61B001734 A61M003906 A61B000100 A61M002500</p> <p>[52] ECLA: A61B001734H A61M003906 K61B001734H2</p>	